

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

Form Approved OMB No. 2070-0060

**401 M Street, S.W.
WASHINGTON, D.C. 20460**

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director: OPPE Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 6, 2021	EPA Reg. No./File Symbol 86829-R	Page 1 of 5
Applicant's/Registrant's Name & Address: MacroTech Industries, Inc. d/b/a MacroTech, Inc. 732 NYS Route 9P Saratoga Springs, NY 12866		Product: MacroTech™ Copper Ion Generator

Ingredient: *Copper (CAS# 7440-50-8)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
End Use Product					
830.1550	Product Identity and Composition	51519501	MacroTech, Inc.	Own	
830.1600	Description of the Materials Used to Produce the Product	51519501	MacroTech, Inc.	Own	
830.1650	Description of Formulation	51519501	MacroTech, Inc.	Own	
830.1670	Description of Formation of Impurities	51519501	MacroTech, Inc.	Own	
830.1700	Preliminary Analysis	51519501	MacroTech, Inc.	Own	
830.1750	Certified Limits	51519501	MacroTech, Inc.	Own	
830.1800	Enforcement Analytical Method	51519501	MacroTech, Inc.	Own	
830.1900	Submittal of Samples	51519501	MacroTech, Inc.	Own	
830.6302	Color	51519502	MacroTech, Inc.	Own	
830.6303	Physical State	51519502	MacroTech, Inc.	Own	
830.6304	Odor	51519502	MacroTech, Inc.	Own	
830.6314	Oxidation/Reduction	51519502	MacroTech, Inc.	Own	
830.6315	Flammability	51519502	MacroTech, Inc.	Own	
830.6316	Explosibility	51519502	MacroTech, Inc.	Own	
830.6317	Storage Stability	51519502	MacroTech, Inc.	Own	
830.6319	Miscibility	51519502	MacroTech, Inc.	Own	
830.6320	Corrosion Characteristics	51519502	MacroTech, Inc.	Own	
830.6321	Dielectric Breakdown Voltage	51519502	MacroTech, Inc.	Own	

Signature**Name and Title
Julie Ownbey, Senior Regulatory
Consultant**Date
April 28, 2021

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Ingredient: *Copper (CAS# 7440-50-8)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7000	pH	51519502	MacroTech, Inc.	Own	
830.7100	Viscosity	51519502	MacroTech, Inc.	Own	
830.7300	Density	51519502	MacroTech, Inc.	Own	
830.7840	Solubility	51519502	MacroTech, Inc.	Own	
870.1100	Acute Oral Toxicity	51519503	MacroTech, Inc.	Own	
870.1200	Acute Dermal Toxicity	51519503	MacroTech, Inc.	Own	
870.1300	Acute Inhalation Toxicity	51519503	MacroTech, Inc.	Own	
870.2400	Primary Eye Irritation	51519503	MacroTech, Inc.	Own	
870.2500	Primary Dermal Irritation	51519503	MacroTech, Inc.	Own	
870.2600	Skin Sensitization	51519503	MacroTech, Inc.	Own	

Active Ingredient**Signature****Name and Title
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Ingredient: *Copper (CAS# 7440-50-8)*

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830.1550	Product Identity and Composition	51519501	MacroTech, Inc.	Own	
830.1600	Description of the Materials Used to Produce the Product	51519501	MacroTech, Inc.	Own	
830.1650	Description of Formulation	51519501	MacroTech, Inc.	Own	
830.1670	Description of Formation of Impurities	51519501	MacroTech, Inc.	Own	
830.1700	Preliminary Analysis	51519501	MacroTech, Inc.	Own	
830.1750	Certified Limits	51519501	MacroTech, Inc.	Own	
830.1800	Enforcement Analytical Method	51519501	MacroTech, Inc.	Own	
830.1900	Submittal of Samples	51519501	MacroTech, Inc.	Own	
830.6302	Color	51519502	MacroTech, Inc.	Own	
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830.6319	Miscibility	51519502	MacroTech, Inc.	Own	
830.6320	Corrosion Characteristics	51519502	MacroTech, Inc.	Own	
830.6321	Dielectric Breakdown Voltage	51519502	MacroTech, Inc.	Own	
830.7000	pH	51519502	MacroTech, Inc.	Own	

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Ingredient: *Copper (CAS# 7440-50-8)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7100	Viscosity	51519502	MacroTech, Inc.	Own	
830.7300	Density	51519502	MacroTech, Inc.	Own	
830.7840	Solubility	51519502	MacroTech, Inc.	Own	
870.1100	Acute Oral Toxicity	51519503	MacroTech, Inc.	Own	
870.1200	Acute Dermal Toxicity	51519503	MacroTech, Inc.	Own	
870.1300	Acute Inhalation Toxicity	51519503	MacroTech, Inc.	Own	
870.2400	Primary Eye Irritation	51519503	MacroTech, Inc.	Own	
870.2500	Primary Dermal Irritation	51519503	MacroTech, Inc.	Own	
870.2600	Skin Sensitization	51519503	MacroTech, Inc.	Own	
870.3100	90-day oral toxicity		CITE ALL	PAY	
870.3700	Prenatal Developmental toxicity – rat and rabbit		CITE ALL	PAY	
870.3800	Reproduction and Fertility Effects		CITE ALL	PAY	
970.5000 series	Genotoxicity		CITE ALL	PAY	
870.5100	Reverse mutation assay		CITE ALL	PAY	
870.5300/.5375	<i>In vitro</i> mammalian cell assay		CITE ALL	PAY	
870.5385/.5395	<i>In vivo</i> Cytogenetics		CITE ALL	PAY	
870.7800	Immunotoxicity		CITE ALL	PAY	
850.2100	Avian oral toxicity		CITE ALL	PAY	
850.1010	Acute Freshwater Invertebrates		CITE ALL	PAY	
850.1075	Acute Freshwater Fish		CITE ALL	PAY	

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Applicant's/Registrant's Name & Address: Macrotech Industries, Inc. d/b/a MacroTech, Inc. 732 NYS Route 9P Saratoga Springs, NY 12866		Product: Macrotech™ Copper Ion Generator

Ingredient: *Copper (CAS# 7440-50-8)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1075/.1400	Fish Early Life Stage		CITE ALL	PAY	
850.1300	Aquatic Invertebrate Life-Cycle		CITE ALL	PAY	
850.5400	Aquatic Plant Growth (Algal) Tier II		CITE ALL	PAY	
875.1100	Dermal exposure		CITE ALL	PAY	
875.1300	Inhalation exposure		CITE ALL	PAY	
875.1600	Data reporting and calculations		CITE ALL	PAY	
875.1700	Product use information		CITE ALL	PAY	
875.2700	Product use information		CITE ALL	PAY	
875.2800	Description of human activity		CITE ALL	PAY	
875.2900	Data reporting and calculations		CITE ALL	PAY	
835.2120	Hydrolysis		CITE ALL	PAY	
835.2240	Photodegradation in Water		CITE ALL	PAY	
850.6800	Activated Sludge, Respiration Inhibition		CITE ALL	PAY	

Signature

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